

2017 ENGLEWOOD ISLES PARKWAY REPORT

Capital Projects

SIGNAGE, ELECTRICAL, WELL & IRRIGATION SYSTEM INFORMATION

Critical Issues

Although much work has been completed, there are still critical issues to be considered for the immediate and long term functionality of the front wing walls, lighting, the wells and irrigation system on Englewood Isles Parkway.

It is important to provide and fully fund the Capital Improvement Plan/Well Contingency Fund to prepare for major equipment repair, pump replacement and the potential necessity of drilling a new east well. Long term planning needs to start now. The Parkway Board must address many of the issues that have been placed 'on hold' due to budget constraints.

West Well

The new west well was drilled in 2008 to replace the original well drilled in 1987. That well went dry and the result was easily noticeable....many plants and palms that had been recently planted on the Parkway died. The Parkway Board had to wait over a year in order to budget/appropriate funding for the drilling of a new well.

Currently, the west well is working satisfactorily. This well has 6 zones covering three islands; Zone 1 begins at Dover Drive and the successive zones continue eastbound on the Parkway. Each zone is on for 30 minutes to 45 minutes depending on the time of year on Monday and Thursday.

In the Spring 2015, the well had certain components replaced and repaired. A new timer box with battery back-up was installed. A rain sensor, per county code, was installed. The pressure tank was leveled on the concrete pad. And, the well filter was replaced. In March, a yearly service agreement was entered into (bi-monthly) to ensure that all well components were maintained and the filter cleaned of sand. The well appears to have a 5hp pump. The pressure is adequate and the irrigation system, each spray nozzle, has good coverage.

As with all equipment exposed to the elements, the metal pressure tank and pressure valve will have a pretty short life span in comparison to the actual well itself. Bi-monthly inspection will insure that any corrosion can be mitigated or replacement parts installed prior to system failure. Regular scheduled maintenance assists in maintaining optimum irrigation system efficiency.

East Well

The east well should be watched carefully as it has some critical issues. It is the original 1987 well. It was stuck by lightening (not directly) several years ago. While replacing the well pump, the well cylinder itself had to be reamed and cleaned before a new well pump could be installed. It is not unusual for a well cylinder to corrode with rust and water minerals making it very difficult or even impossible to remove a broken pump. Often, while trying to extricate a pump, it will break off and be lost in the well. There are two options, try to ram the pump down in the well and hopefully the well will continue to work; or drill a new well. More likely, with a deep well, you will be drilling a new well. This scenario could easily happen to this well since we have already experienced severe corrosion. The potential for another lightning strike is a real concern. Well insurance is not available.

